

Legend for Figure 1:

- Step 1:* Choose Original Scroll to Serve as Model Text
- Step 2:* Determine Desired Final Copy Size
- Step 3:* Scan Original Scroll Using High Quality Scanner to Produce Draft Scanned Image
- Step 4:* Enlarge or Reduce Scanned Image, if Necessary, to Match Desired Final Copy Size
- Step 5:* Edit Scanned Image to Eliminate Imperfections and Prevent Formation of Defects During Printing Process to create final version of scanned image.
- Step 6:* Create a series of grid lines (*Sirtut*) on the computer
- Step 7:* Create a physical die corresponding to the computerized grid lines
- Step 8:* Imprint a test copy of material (e.g. paper) with *Sirtut*.
- Step 9:* Print out final version of scanned image onto a transparency, and overlay that transparency onto test copy of paper to determine if transparency lines of text and test paper *Sirtut* align.
- Step 10:* If non-alignment is present, transparency cut into strips of text, and strips of text are carefully pasted onto a new transparency such that each line of text hangs off of a grid line.
- Step 11:* This pasted transparency is used to make a new intact transparency, and the intact transparency is directly edited thereon to eliminate any potential problems.
- Step 12:* Using the third transparency, a silk screen is created which will be an exact replica of the desired final scroll text.
- Step 13:* A Plexiglass panel is prepared to match the parchment size.
- Step 14:* A double-sided adhesive tape is adhered to the Plexiglass panel.

Legend for Figure 2:

Reference Numeral 18:	Column No. 1
Reference Numeral 22:	Letters hanging on scored line
Reference Numeral 26:	<i>Sirtut</i> (grid lines)
Reference Numeral 36:	Column No. 2
Reference Numeral 52:	Space between lines
Reference Numeral 72:	Space between columns

Reference Numeral 18: Column No. 1  
Reference Numeral 22: Letters hanging on scored line  
Reference Numeral 26: *Sirtut* (grid lines)  
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- Step 15:* Suitable parchment is adhered to the adhesive covered Plexiglass, taking care to smooth out all deformations or bubbles.
- Step 16:* The Plexiglass is registered on an etching press table at a first station and etched with a first die to etch horizontal lines thereon.
- Step 17:* The Plexiglass is registered on an etching press table at a second station and etched with a second die to etch vertical lines thereon.
- Step 18:* The parchment (with all *Sirtut* thereon) is moved to a third station which has a first screen of the text to be printed.
- Step 19:* At that station, the parchment is printed with UV or heat sensitive ink by pressing or forcing ink, by hand, through the pores of the screen.
- Step 20:* The parchment is illuminated with UV light or heat lamp to cure (i.e. harden) the ink thereon.
- (The process of Steps 18-20 are repeated at a second station having a second screen for printing the names of G-d onto the scroll parchment)
- Step 21:* The parchment is removed from the adhesive-covered Plexiglass to provide a completed parchment.